

L13 ANSWER 17 OF 17 USPATFULL on STN

Full Text	References
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ACCESSION NUMBER: 89:6050 USPATFULL
 TITLE: Pyridine-ethanolamine derivatives
 INVENTOR(S): Alig, Leo, Kaiseraugst, Switzerland
 Muller, Marcel, Frenkendorf, Switzerland
 PATENT ASSIGNEE(S): Hoffmann-La Roche Inc., Nutley, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4800206		19890124
APPLICATION INFO.:	US 1987-57150		19870603 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	CH 1986-2608	19860627
	CH 1987-1186	19870327

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Fan, Jane T.
 LEGAL REPRESENTATIVE: Saxe, Jon S., Leon, Bernard S., Isgro, William G.
 NUMBER OF CLAIMS: 21
 EXEMPLARY CLAIM: 1
 LINE COUNT: 879

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

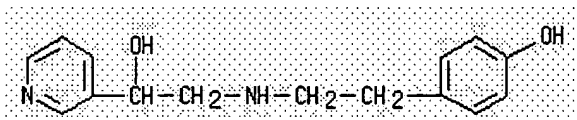
AB Pyridine-ethanolamines of the formula ##STR1## wherein n, X, Y, R¹, R² and R³ have the significances given in the description, their corresponding enantiomers, diastereomers, and racemates as well as the physiologically compatible salts thereof are described. The compounds of formula I have catabolic activity and can be used for the treatment of obesity and of diabetes mellitus or of conditions which are associated with an increased protein breakdown, or as feed additives for fattening animals. The compounds of formula I can be prepared by alkylating the primary or secondary amines corresponding to the secondary or tertiary amines of formula I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

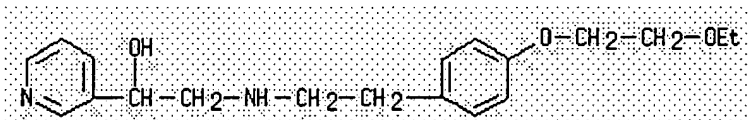
IT 115548-43-1P 115626-97-6P
 (prepn. of, as remedy for obesity, diabetes mellitus, and elevated protein degrdn.)

RN 115548-43-1 USPATFULL

CN 3-Pyridinemethanol, α -[[[2-(4-hydroxyphenyl)ethyl]amino]methyl]-
 (9CI) (CA INDEX NAME)

RN 115626-97-6 USPATFULL

CN 3-Pyridinemethanol, α -[[[2-[4-(2-ethoxyethoxy)phenyl]ethyl]amino]methyl]- (9CI) (CA INDEX NAME)



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L13 ANSWER 16 OF 17 USPATFULL on STN

Full Text	Bring References
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ACCESSION NUMBER: 89:102325 USPATFULL
 TITLE: Synthetic flavonoids as inhibitors of leukotrienes and 5-lipoxygenase
 INVENTOR(S): Wu, Edwin S., Rochester, NY, United States
 Kover, Alexander, Rochester, NY, United States
 PATENT ASSIGNEE(S): Fisons Corporation, Rochester, NY, United States (U.S. corporation)

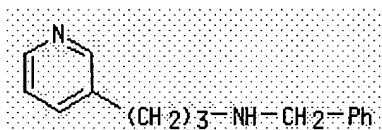
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PATENT INFORMATION:	US 4889941		19891226
APPLICATION INFO.:	US 1987-129014		19871204 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. <u>US 1987-41817</u> , filed on 23 Apr 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Nicky		
LEGAL REPRESENTATIVE:	Seidel, Gonda, Lavorgna & Monaco		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
LINE COUNT:	699		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB 7-[3-[(3,4-dihydroxyphenethyl)amino]-2-hydroxypropoxy]-flavone hydrobromide, and related flavonoids are disclosed to inhibit leukotrienes and 5-lipoxygenase; preferred compounds also inhibit rat anaphylaxis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 119161-86-3P
 (prepn. and reaction of, in prepn. of leukotriene and lipoxygenase inhibitors)
 RN 119161-86-3 USPATFULL
 CN 3-Pyridinepropanamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L13 ANSWER 15 OF 17 USPATFULL on STN

Full Text	Chgs References
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ACCESSION NUMBER: 91:8812 USPATFULL
 TITLE: Pyridine-ethanolamine derivatives
 INVENTOR(S): Alig, Leo, Kaiseraugst, Switzerland
 Muller, Marcel, Frenkendorf, Switzerland
 PATENT ASSIGNEE(S): Hoffmann-La Roche Inc., Nutley, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4988714		19910129
APPLICATION INFO.:	US 1988-236802		19880826 (7)
RELATED APPLN. INFO.:	Division of Ser. No. <u>US 1987-57150</u> , filed on 3 Jun 1987, now patented, Pat. No. <u>US 4800206</u> , issued on 24 Jan 1989		

	NUMBER	DATE
PRIORITY INFORMATION:	<u>CH 1986-2608</u>	19860627
	<u>CH 1987-1186</u>	19870327
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fan, Jane T.	
LEGAL REPRESENTATIVE:	Gould, George M., Leon, Bernard S., Isgro, William G.	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	904	

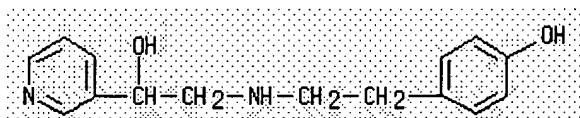
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

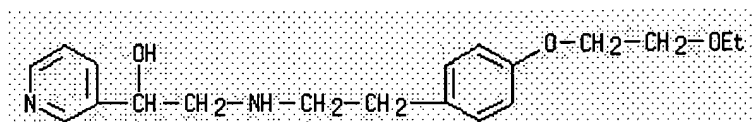
AB Pyridine-ethanolamines of the formula ##STR1## wherein n, X, Y, R¹, R² and R³ have the significances given in the description, their corresponding enantiomers, diastereomers, and racemates as well as the physiologically compatible salts thereof are described. The compounds of formula I have catabolic activity and can be used for the treatment of obesity and of diabetes mellitus or of conditions which are associated with an increased protein breakdown, or as feed additives for fattening animals. The compounds of formula I can be prepared by alkylating the primary or secondary amines corresponding to the secondary or tertiary amines of formula I.

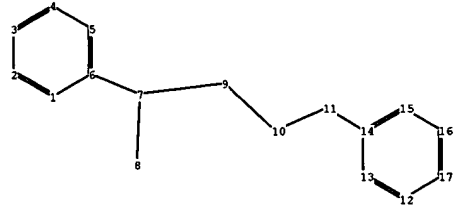
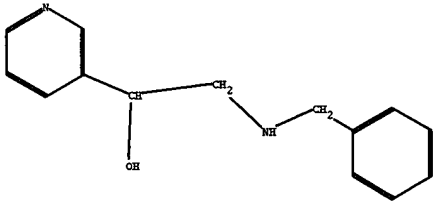
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 115548-43-1P 115626-97-6P

(prepn. of, as remedy for obesity, diabetes mellitus, and elevated protein degrdn.)

RN 115548-43-1 USPATFULLCN 3-Pyridinemethanol, α -[[[2-(4-hydroxyphenyl)ethyl]amino]methyl]-
(9CI) (CA INDEX NAME)RN 115626-97-6 USPATFULLCN 3-Pyridinemethanol, α -[[[2-[4-(2-ethoxyethoxy)phenyl]ethyl]amino]methyl]- (9CI) (CA INDEX NAME)





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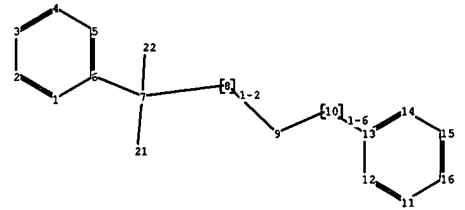
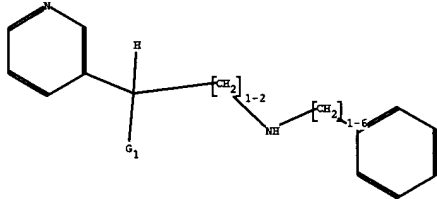
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ကျွန်ုပ်တို့၏ နာမည်ကို

အသုံးပြုရန် အသိအမှတ်ပြုပါ။

ကျွန်ုပ်တို့၏ နာမည်ကို

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ကျွန်ုပ်တို့၏ နာမည်ကို

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ကျွန်ုပ်တို့၏ နာမည်ကို

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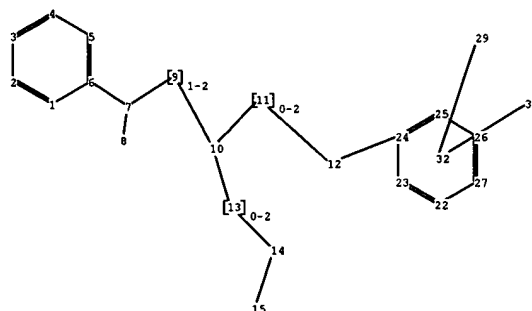
ကျွန်ုပ်တို့၏ နာမည်ကို







ကျွန်ုပ်တို့၏ နာမည်ကို

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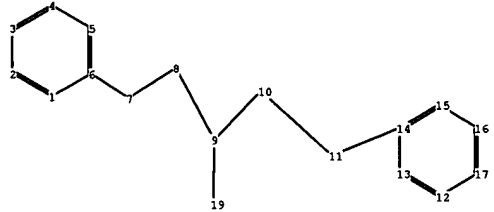
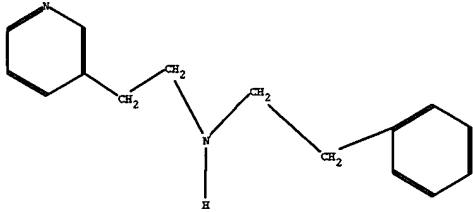












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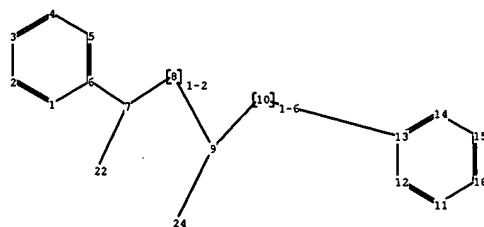
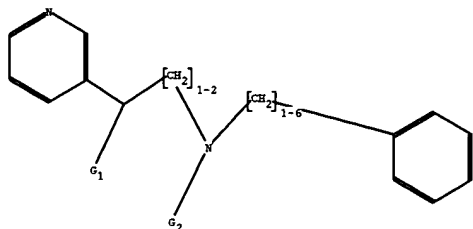
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file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
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<http://www.cas.org/ONLINE/UG/regprops.html>

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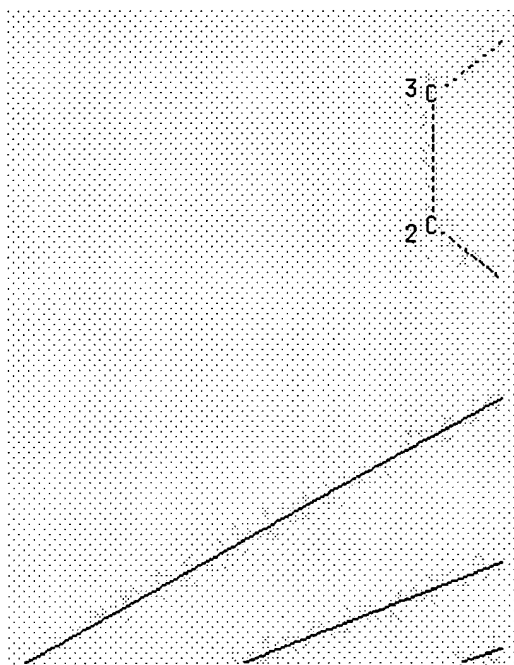
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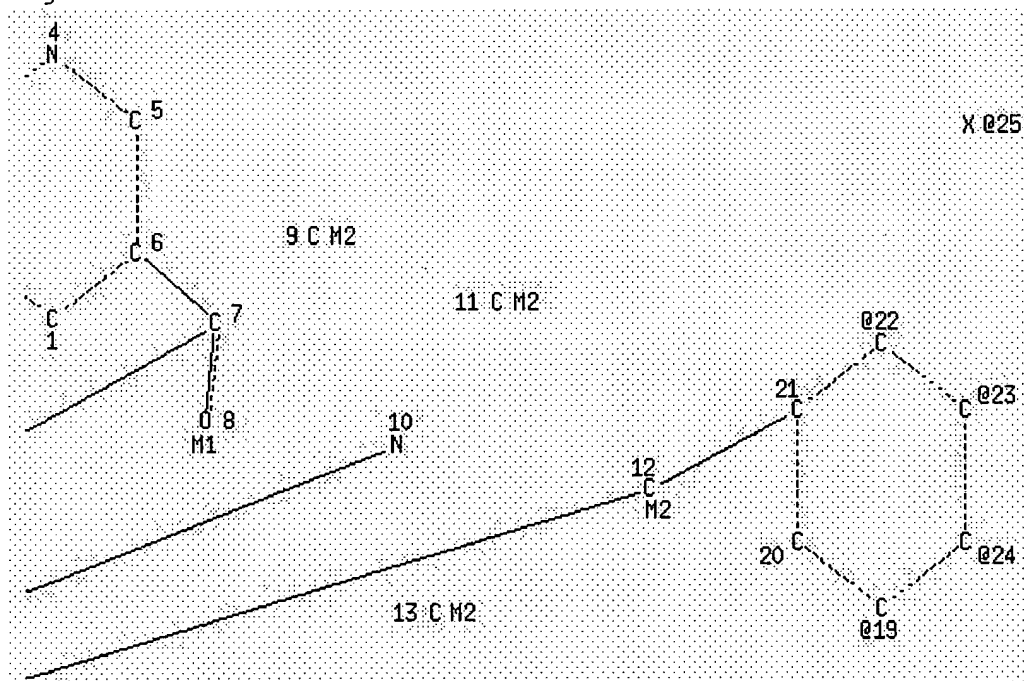
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L1 HAS NO ANSWERS

L1 STR



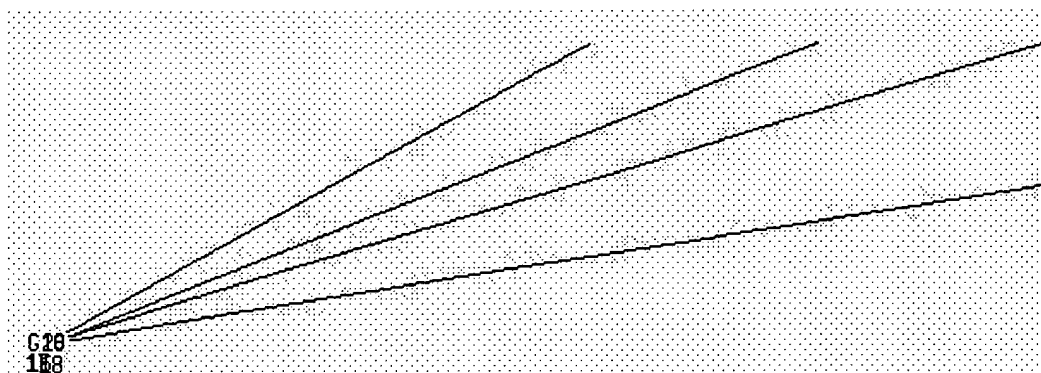
Page 1-A



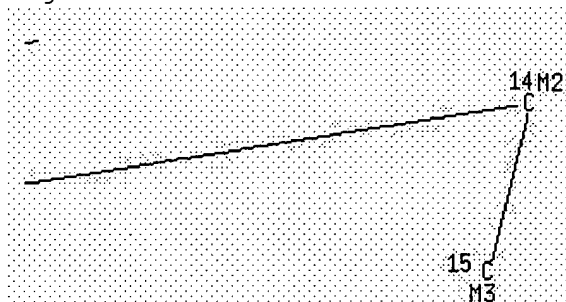
Page 1-B

X 026

Page 1-C



Page 2-A



Page 2-B

REP G18=(1-2) 9-7 9-10
 REP G19=(0-2) 11-10 11-12
 REP G20=(0-2) 13-10 13-14

VPA 25-22/23/24 S

VPA 26-19/23/24 S

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 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

=> s l`

SEARCH ENDED BY USER

=> s l1

SAMPLE SEARCH INITIATED 11:48:22 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 118 TO ITERATE

100.0% PROCESSED 118 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1709 TO 3011

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:48:28 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2501 TO ITERATE

100.0% PROCESSED 2501 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

170.02

170.23

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006

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FILE COVERS 1907 - 24 May 2006 VOL 144 ISS 22

FILE LAST UPDATED: 23 May 2006 (20060523/ED)

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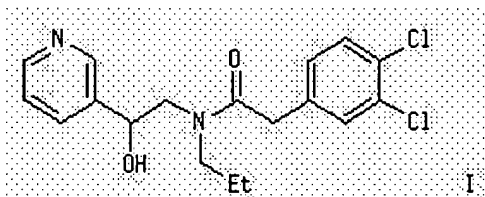
L4 2 L3

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L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text

ACCESSION NUMBER: 2005:1306976 HCAPLUS
DOCUMENT NUMBER: 144:212622
TITLE: Synthesis, Conformation, and Stereodynamics of a Salt of 2-([2-(3,4-Dichlorophenyl)-ethyl]propylamino)-1-pyridin-3-ylethanol
AUTHOR(S): Korosec, Tina; Grdadolnik, Joze; Urleb, Uros; Kocjan, Darko; Golic Grdadolnik, Simona
CORPORATE SOURCE: Drug Discovery, Lek Pharmaceuticals d. d., Ljubljana, SI-1526, Slovenia
SOURCE: Journal of Organic Chemistry (2006), 71(2), 792-795
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 144:212622
GI



AB The dihydrobromide salt of [(3,4-dichlorophenylethyl)(propyl)amino]-3-pyridineethanol I is prepd. by two routes; the ¹H NMR spectrum of I·2HBr in methanol-d₄ shows line broadening at room temp. from the equilibration of diastereomers at nitrogen. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with propylamine, acylation of the secondary amine with 3,4-dichlorophenylacetic acid, amide redn. with borane-dimethyl sulfide, and formation of the dihydrobromide salt yields I·2HBr in five steps and 26% overall yield. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with 3,4-dichlorophenethylamine, reductive amination with propanal and sodium triacetoxyborohydride in 1,2-dichloroethane, and formation of the dihydrobromide salt yields I·2HBr in four steps and 59% overall yield.

Free energy barriers are detd. for the line broadening processes present in NMR spectra of I?2HBr or in spectra of mixts. of I and benzenesulfonic acid; calcd. structures of the diastereomers of I?H+ are consistent with the results of NOESY and ROESY expts. on I?2HBr.

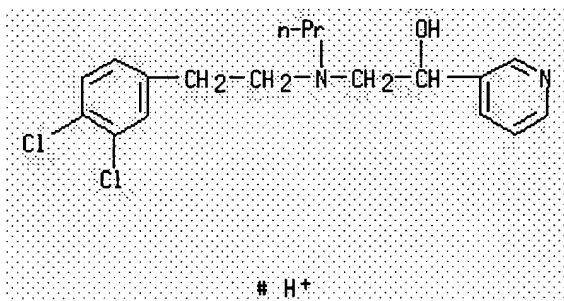
IT **875811-95-3**

RL: PRP (Properties)

(calcd. structure of diastereomers of a protonated tertiary amino-substituted 3-pyridineethanol to det. the source of line broadening in the NMR spectra of the corresponding dihydrobromide salt)

RN **875811-95-3** HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, conjugate monoacid (9CI) (CA INDEX NAME)

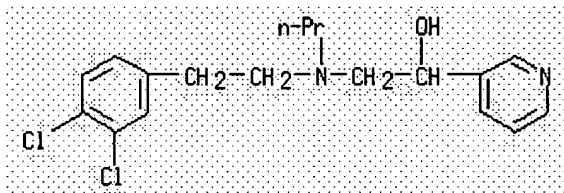
IT **648930-55-6P**

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN **648930-55-6** HCAPLUS

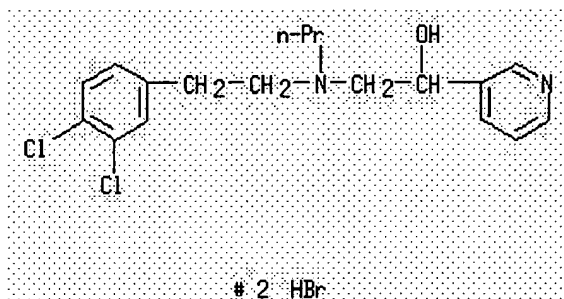
CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)

IT **648930-56-7P**

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN **648930-56-7** HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

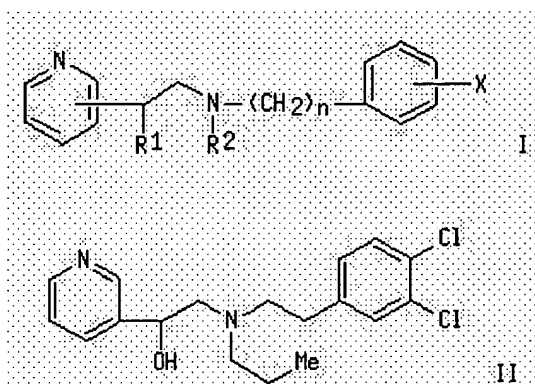
L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

Full
Text

ACCESSION NUMBER: 2004:60474 HCAPLUS
DOCUMENT NUMBER: 140:128278
TITLE: Preparation of 1-pyridyl-2-[(2-phenylethyl)amino]ethanols as inhibitors of cholesterol biosynthesis
INVENTOR(S): Rode, Breda; Rozman, Damjana; Fon, Tacer Klementina; Kocjan, Darko
PATENT ASSIGNEE(S): Lek Pharmaceuticals D.D., Slovenia
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>WO 2004007456</u>	A1	20040122	<u>WO 2003-SI21</u>	20030709
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
<u>SI 21268</u>	C	20040229	<u>SI 2002-177</u>	20020717
<u>SI 21368</u>	C	20040630	<u>SI 2002-287</u>	20021128
<u>CA 2493004</u>	AA	20040122	<u>CA 2003-2493004</u>	20030709
<u>AU 2003248614</u>	A1	20040202	<u>AU 2003-248614</u>	20030709
<u>EP 1546105</u>	A1	20050629	<u>EP 2003-764285</u>	20030709
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
<u>BR 2003012945</u>	A	20050712	<u>BR 2003-12945</u>	20030709
<u>CN 1668594</u>	A	20050914	<u>CN 2003-816850</u>	20030709
<u>JP 2005538081</u>	T2	20051215	<u>JP 2004-521370</u>	20030709
<u>NO 2005000833</u>	A	20050418	<u>NO 2005-833</u>	20050216
<u>US 2005256172</u>	A1	20051117	<u>US 2005-521294</u>	20050524
PRIORITY APPLN. INFO.:			<u>SI 2002-177</u>	A 20020717
			<u>SI 2002-287</u>	A 20021128
			<u>WO 2003-SI21</u>	W 20030709
OTHER SOURCE(S):		MARPAT 140:128278		

GI



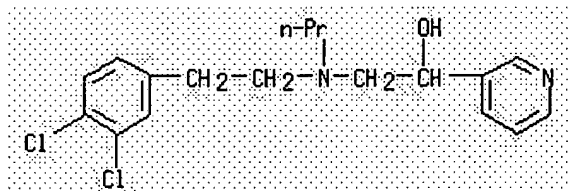
AB Title compds. I [wherein $n = 1-4$; $R_1 = H, OH, \text{ or alkoxy}$; $R_2 = H \text{ or alkyl}$; $X = H, F, Cl, Br, OH, CF_3, 3,4-Cl_2, 2,4-Cl_2, \text{ or alkoxy}$; and the enantiomers, diastereoisomers, racemates, or physiol. acceptable acid addn. salts thereof] were prep'd. as ligands of σ receptors for inhibiting cholesterol biosynthesis. For example, reaction of 3-(bromoacetyl)pyridine?HBr with $NaBH_4$ in abs. EtOH, followed by alkylation with $PrNH_2$ afforded 1-(3-pyridyl)-2-propylaminoethanol (50%). The amine was coupled with 3,4-dichlorophenylacetic acid in CH_2Cl_2 in the presence of DCC to give 1-(3-pyridyl)-2-[N-[2-(3,4-dichlorophenyl)acetyl]-N-propylamino]ethanol (50%). Redn. of the acetamide using $LiAlH_4$ in anhyd. THF provided the ethylamine (60%), which was converted to II?2HBr (BK-35?2HBr) in 85% yield. The latter completely blocked cholesterol biosynthesis and showed a ten-fold increase in the accumulation of sterol intermediates of the postsqualene portion of cholesterol biosynthesis. Thus, I and their pharmaceutical compns. are appropriate for the treatment of hypercholesterolemia and hyperlipemia in humans (no data).

IT **648930-55-6P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol **648930-56-7P**, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol dihydrobromide
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(anticholesteremic agent; prepn. of pyridyl(phenylethylamino)ethanols as inhibitors of cholesterol biosynthesis for treatment of hypercholesterolemia and hyperlipemia)

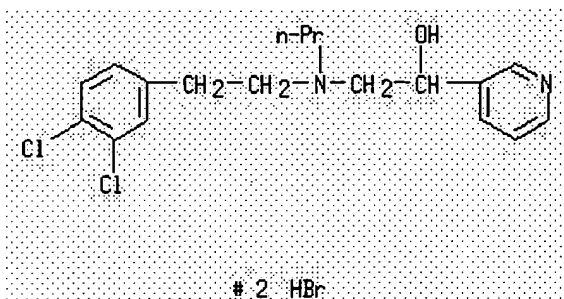
RN **648930-55-6** HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)



RN **648930-56-7** HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.75	182.98
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-1.50

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FILE COVERS 1907-1966
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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=> d his

(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006

L1 STRUCTURE UPLOADED
 L2 0 S L1
 L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006

L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006

=> s 13

L5 0 L3

```
=> file hcaplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.44      183.42

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                                ENTRY      SESSION
CA SUBSCRIBER PRICE          0.00      -1.50
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FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006
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FILE COVERS 1907 - 24 May 2006 VOL 144 ISS 22
 FILE LAST UPDATED: 23 May 2006 (20060523/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s rode, b?/au and rozman, d?/au and tacer, k?/au and kocjan, d?/au
    377 RODE, B?/AU
    56 ROZMAN, D?/AU
    3 TACER, K?/AU
    69 KOCJAN, D?/AU
L6      0 RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?/AU
```

```
=>
Uploading structure
```

```
L7      STRUCTURE UPLOADED
```

```
=> s 1.7
```

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 11:55:24 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 964 TO ITERATE

```
100.0% PROCESSED          964 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01
```

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 17418 TO 21142
 PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

L9 0 L8

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.53	211.69
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
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STRUCTURE FILE UPDATES: 23 MAY 2006 HIGHEST RN 885357-09-5
 DICTIONARY FILE UPDATES: 23 MAY 2006 HIGHEST RN 885357-09-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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 conducting SmartSELECT searches.

 *
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS
 for details.

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 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading structure

L10 STRUCTURE UPLOADED

=> s l10

SAMPLE SEARCH INITIATED 11:55:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 964 TO ITERATE

100.0% PROCESSED 964 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 17418 TO 21142
PROJECTED ANSWERS: 0 TO 0

L11 0 SEA SSS SAM L10

=> s l10 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 11:55:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 18828 TO ITERATE

100.0% PROCESSED 18828 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L12 1 SEA SSS FUL L10

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	166.94	378.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
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FILE COVERS 1907 - 24 May 2006 VOL 144 ISS 22
FILE LAST UPDATED: 23 May 2006 (20060523/ED)

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=> s 112

L13 1 L12

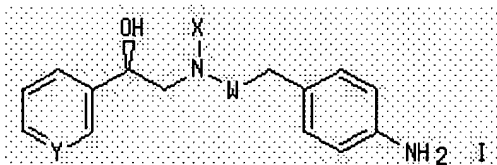
=> d 113, ibib abs hitstr, 1

L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text	CHIRP References
--------------	---------------------

ACCESSION NUMBER: 1998:632236 HCAPLUS
 DOCUMENT NUMBER: 129:202860
 TITLE: Preparation of N-Boc-N-(R)-2-((3-pyridyl)-2-hydroxyethyl-N-2-(4-aminophenyl)ethylamine and 2-(4-aminophenyl)-N-2-R-hydroxy-2-pyridine-3-yl-ethyl)acetamide
 INVENTOR(S): Zhao, Dalian; Chartrain, Michel M.; Chung, John Y. L.; Roberge, Christopher
 PATENT ASSIGNEE(S): Merck and Co., Inc., USA
 SOURCE: Brit. UK Pat. Appl., 29 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>GB 2315748</u>	A1	19980211	<u>GB 1997-14800</u>	19970714
<u>PRIORITY APPLN. INFO.:</u>			<u>US 1996-22056P</u>	P 19960722
<u>OTHER SOURCE(S):</u>	CASREACT 129:202860; MARPAT 129:202860			
GI				



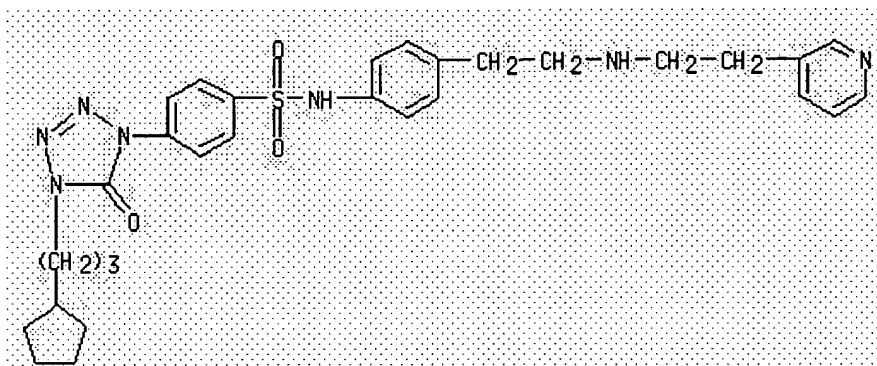
AB The title compds. (I; X = H, Boc; W = CH₂, CO; Y = CH, N) are prepd. by multi-step reactions from 3-acetylpyridine in an overall good yield. I are useful as intermediates in the prodn. of β -3 agonist for the treatment of obesity and diabetes (no data).

IT **212253-89-9P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of N-Boc-N-(R)-2-((3-pyridyl)-2-hydroxyethyl-N-2-(4-aminophenyl)ethylamine and 2-(4-aminophenyl)-N-2-R-hydroxy-2-pyridine-3-yl-ethyl)acetamide)

RN 212253-89-9 HCAPLUS

CN Benzenesulfonamide, 4-[4-(3-cyclopentylpropyl)-4,5-dihydro-5-oxo-1H-tetrazol-1-yl]-N-[4-[2-[[2-(3-pyridinyl)ethyl]amino]ethyl]phenyl]- (9CI)
 (CA INDEX NAME)



=> file caold
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
10.17	388.80

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.75	-2.25

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006
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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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=> d his

(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006

L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006

L5 0 S L3

FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006

L6 0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?
 L7 STRUCTURE UPLOADED
 S L7

L8 FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006
 0 S L7

L9 FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006
 0 S L8

L10 FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006
 STRUCTURE UPLOADED
 L11 0 S L10
 L12 1 S L10 FULL

L13 FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006
 1 S L12

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006

=> s l12
 L14 0 L12

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.44	389.24
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.25

FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006
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STRUCTURE FILE UPDATES: 23 MAY 2006 HIGHEST RN 885357-09-5
 DICTIONARY FILE UPDATES: 23 MAY 2006 HIGHEST RN 885357-09-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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 *
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS

for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading structure

L15 STRUCTURE UPLOADED

=> s l15

SAMPLE SEARCH INITIATED 12:01:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1544 TO ITERATE

100.0% PROCESSED 1544 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 28523 TO 33237

PROJECTED ANSWERS: 800 TO 1760

L16 50 SEA SSS SAM L15

=> s l15 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 12:01:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 30140 TO ITERATE

100.0% PROCESSED 30140 ITERATIONS

1202 ANSWERS

SEARCH TIME: 00.00.01

L17 1202 SEA SSS FUL L15

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

170.02

559.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.25

FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006

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FILE COVERS 1907 - 24 May 2006 VOL 144 ISS 22
FILE LAST UPDATED: 23 May 2006 (20060523/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l17

L18 107 L17

=> s l18 and rode, b?/au

377 RODE, B?/AU

L19 1 L18 AND RODE, B?/AU

=> d his

(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006

L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006

L5 0 S L3

FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006

L6 0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?

L7 STRUCTURE UPLOADED

S L7

FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006

L8 0 S L7

FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006

L9 0 S L8

FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006

L10 STRUCTURE UPLOADED

L11 0 S L10

L12 1 S L10 FULL

FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006

L13 1 S L12

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006

L14 0 S L12

FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006

L15 STRUCTURE UPLOADED

L16 50 S L15

L17 1202 S L15 FULL

FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006

L18 107 S L17

L19 1 S L18 AND RODE, B?/AU

=> s l12 not l19

1 L12

L20 1 L12 NOT L19

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56 ROZMAN, D?/AU

L22 1 L18 AND ROZMAN, D?/AU

=> d l22, ibib abs hitstr, 1

L22 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

Full
Text

Citing
References

ACCESSION NUMBER: 2004:60474 HCAPLUS

DOCUMENT NUMBER: 140:128278

TITLE: Preparation of 1-pyridyl-2-[(2-phenylethyl)amino]ethanols as inhibitors of cholesterol biosynthesis

INVENTOR(S): Rode, Breda; **Rozman, Damjana**; Fon, Tacer Klementina; Kocjan, Darko

PATENT ASSIGNEE(S): Lek Pharmaceuticals D.D., Slovenia

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>WO 2004007456</u>	A1	20040122	<u>WO 2003-SI21</u>	20030709
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
<u>SI 21268</u>	C	20040229	<u>SI 2002-177</u>	20020717
<u>SI 21368</u>	C	20040630	<u>SI 2002-287</u>	20021128
<u>CA 2493004</u>	AA	20040122	<u>CA 2003-2493004</u>	20030709
<u>AU 2003248614</u>	A1	20040202	<u>AU 2003-248614</u>	20030709
<u>EP 1546105</u>	A1	20050629	<u>EP 2003-764285</u>	20030709
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
<u>BR 2003012945</u>	A	20050712	<u>BR 2003-12945</u>	20030709
<u>CN 1668594</u>	A	20050914	<u>CN 2003-816850</u>	20030709
<u>JP 2005538081</u>	T2	20051215	<u>JP 2004-521370</u>	20030709

NO 2005000833

A 20050418

NO 2005-833

20050216

US 2005256172

A1 20051117

US 2005-521294

20050524

PRIORITY APPLN. INFO.:

SI 2002-177

A 20020717

SI 2002-287

A 20021128

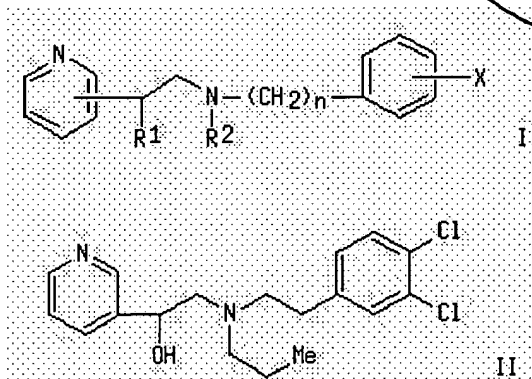
WO 2003-SI21

W 20030709

OTHER SOURCE(S):

MARPAT 140:128278

GI



10521294

AB Title compds. I [wherein $n = 1-4$; $R_1 = H, OH$, or alkoxy; $R_2 = H$ or alkyl; $X = H, F, Cl, Br, OH, CF_3, 3,4-Cl_2, 2,4-Cl_2$, or alkoxy; and the enantiomers, diastereoisomers, racemates, or physiol. acceptable acid addn. salts thereof] were prep'd. as ligands of σ receptors for inhibiting cholesterol biosynthesis. For example, reaction of 3-(bromoacetyl)pyridine/HBr with $NaBH_4$ in abs. EtOH, followed by alkylation with $PrNH_2$ afforded 1-(3-pyridyl)-2-propylaminoethanol (50%). The amine was coupled with 3,4-dichlorophenylacetic acid in CH_2Cl_2 in the presence of DCC to give 1-(3-pyridyl)-2-[N-[2-(3,4-dichlorophenyl)acetyl]-N-propylamino]ethanol (50%). Redn. of the acetamide using $LiAlH_4$ in anhyd. THF provided the ethylamine (60%), which was converted to II?2HBr (BK-35?2HBr) in 85% yield. The latter completely blocked cholesterol biosynthesis and showed a ten-fold increase in the accumulation of sterol intermediates of the postsqualene portion of cholesterol biosynthesis. Thus, I and their pharmaceutical compns. are appropriate for the treatment of hypercholesterolemia and hyperlipemia in humans (no data).

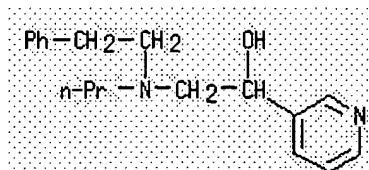
IT 648930-50-1P, 1-(3-Pyridyl)-2-[N-(2-phenylethyl)-N-propylamino]ethanol 648930-51-2P, 1-(3-Pyridyl)-2-[N-(2-phenylethyl)-N-propylamino]ethanol dihydrobromide 648930-53-4P, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-methylamino]ethanol 648930-54-5P, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-methylamino]ethanol dihydrobromide 648930-55-6P, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol 648930-56-7P, 1-(3-Pyridyl)-2-[N-[2-(3,4-dichlorophenyl)ethyl]-N-propylamino]ethanol dihydrobromide

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(anticholesteremic agent; prepn. of pyridyl(phenylethylamino)ethanols as inhibitors of cholesterol biosynthesis for treatment of hypercholesterolemia and hyperlipemia)

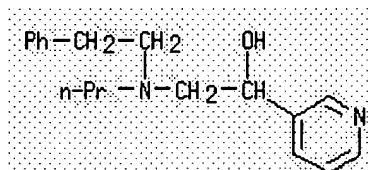
RN 648930-50-1 HCAPLUS

CN 3-Pyridinemethanol, α -[[2-(phenylethyl)propylamino]methyl]- (9CI)
(CA INDEX NAME)



RN 648930-51-2 HCAPLUS

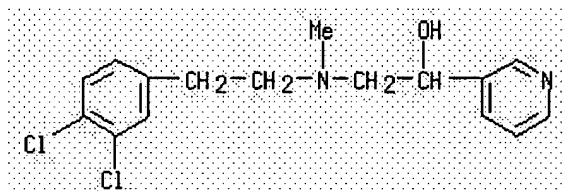
CN 3-Pyridinemethanol, α -[[2-(2-phenylethyl)propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



2 HBr

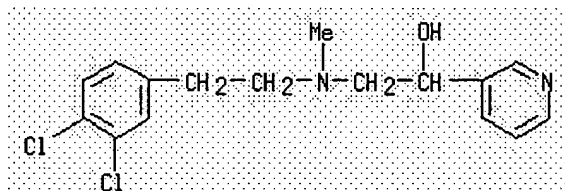
RN 648930-53-4 HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]methylamino]methyl]- (9CI) (CA INDEX NAME)



RN 648930-54-5 HCAPLUS

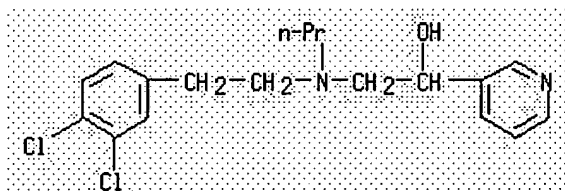
CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]methylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



2 HBr

RN 648930-55-6 HCAPLUS

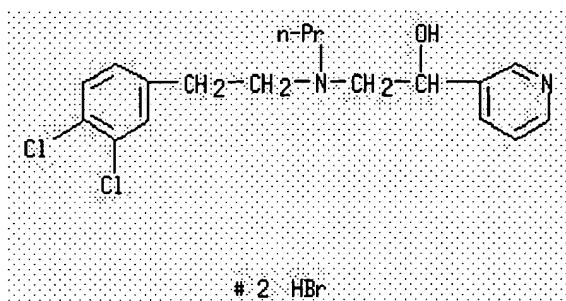
CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)



RN 648930-56-7 HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)

hyl]-, dihydrobromide (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006

L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006

L5 0 S L3

FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006

L6 0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?
L7 STRUCTURE UPLOADED
S L7

FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006

L8 0 S L7

FILE 'HCAPLUS' ENTERED AT 11:55:24 ON 24 MAY 2006

L9 0 S L8

FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006

L10 STRUCTURE UPLOADED
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L12 1 S L10 FULL

FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006

L13 1 S L12

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006

L14 0 S L12

FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006

L15 STRUCTURE UPLOADED
L16 50 S L15
L17 1202 S L15 FULL

FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006

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 L19 1 S L18 AND RODE, B?/AU
 L20 1 S L12 NOT L19
 L21 0 S L20 NOT L13
 L22 1 S L18 AND ROZMAN, D?/AU

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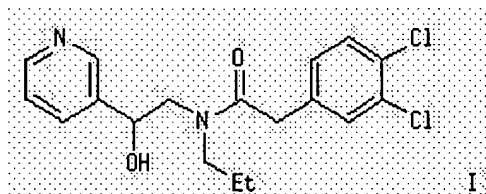
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L25 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text
 Citing References

ACCESSION NUMBER: 2005:1306976 HCAPLUS
 DOCUMENT NUMBER: 144:212622
 TITLE: Synthesis, Conformation, and Stereodynamics of a Salt of 2-([2-(3,4-Dichlorophenyl)-ethyl]propylamino)-1-pyridin-3-ylethanol
 AUTHOR(S): Korosec, Tina; Grdadolnik, Joze; Urleb, Uros; **Kocjan, Darko**; Golic Grdadolnik, Simona
 CORPORATE SOURCE: Drug Discovery, Lek Pharmaceuticals d. d., Ljubljana, SI-1526, Slovenia
 SOURCE: Journal of Organic Chemistry (2006), 71(2), 792-795
 CODEN: JOCEAH; ISSN: 0022-3263
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 144:212622
 GI



AB The dihydrobromide salt of [(3,4-dichlorophenylethyl)(propyl)amino]-3-pyridineethanol I is prepd. by two routes; the ¹H NMR spectrum of I·2HBr in methanol-d₄ shows line broadening at room temp. from the equilibration of diastereomers at nitrogen. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with propylamine, acylation of the secondary amine with 3,4-dichlorophenylacetic acid, amide redn. with borane-dimethyl sulfide, and formation of the dihydrobromide salt yields I·2HBr in five steps and 26% overall yield. Redn. of 3-(bromoacetyl)pyridine hydrobromide with sodium borohydride, substitution of the bromide with 3,4-dichlorophenethylamine, reductive amination with propanal and sodium triacetoxyborohydride in 1,2-dichloroethane, and formation of the

dihydrobromide salt yields I?2HBr in four steps and 59% overall yield. Free energy barriers are detd. for the line broadening processes present in NMR spectra of I?2HBr or in spectra of mixts. of I and benzenesulfonic acid; calcd. structures of the diastereomers of I?H⁺ are consistent with the results of NOESY and ROESY expts. on I?2HBr.

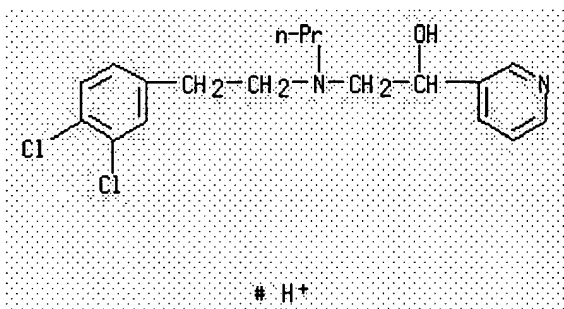
IT **875811-95-3**

RL: PRP (Properties)

(calcd. structure of diastereomers of a protonated tertiary amino-substituted 3-pyridineethanol to det. the source of line broadening in the NMR spectra of the corresponding dihydrobromide salt)

RN 875811-95-3 HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, conjugate monoacid (9CI) (CA INDEX NAME)

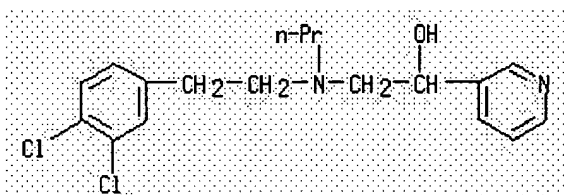
IT **648930-55-6P**

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 648930-55-6 HCAPLUS

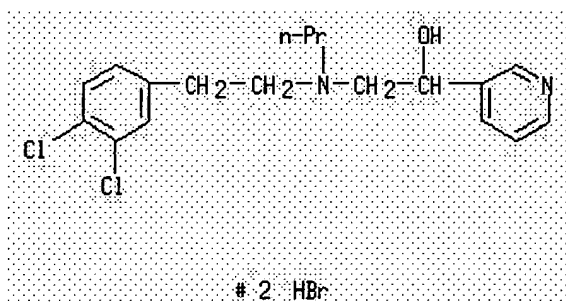
CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]- (9CI) (CA INDEX NAME)

IT **648930-56-7P**

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 648930-56-7 HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]propylamino]methyl]-, dihydrobromide (9CI) (CA INDEX NAME)



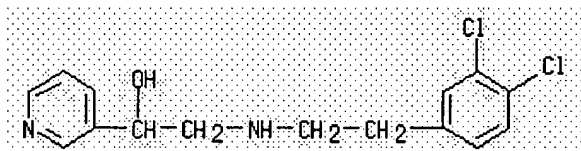
IT 875811-94-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of the dihydrobromide salt of a tertiary amino-substituted 3-pyridineethanol, its NMR line broadening due to inversion at nitrogen, calcd. free energy barriers to equilibration, and calcd. structures for its diastereomers)

RN 875811-94-2 HCAPLUS

CN 3-Pyridinemethanol, α -[[[2-(3,4-dichlorophenyl)ethyl]amino]methyl]-(9CI) (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

25.40

584.66

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.50

-3.75

FILE 'CAOLD' ENTERED AT 12:05:21 ON 24 MAY 2006

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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(FILE 'HOME' ENTERED AT 11:43:32 ON 24 MAY 2006)

FILE 'REGISTRY' ENTERED AT 11:43:51 ON 24 MAY 2006

L1 STRUCTURE UPLOADED

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L3 3 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:48:31 ON 24 MAY 2006

L4 2 S L3

FILE 'CAOLD' ENTERED AT 11:49:03 ON 24 MAY 2006

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FILE 'HCAPLUS' ENTERED AT 11:49:36 ON 24 MAY 2006

L6 0 S RODE, B?/AU AND ROZMAN, D?/AU AND TACER, K?/AU AND KOCJAN, D?

L7 STRUCTURE UPLOADED

S L7

FILE 'REGISTRY' ENTERED AT 11:55:24 ON 24 MAY 2006

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FILE 'REGISTRY' ENTERED AT 11:55:28 ON 24 MAY 2006

L10 STRUCTURE UPLOADED

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L12 1 S L10 FULL

FILE 'HCAPLUS' ENTERED AT 11:55:48 ON 24 MAY 2006

L13 1 S L12

FILE 'CAOLD' ENTERED AT 11:57:03 ON 24 MAY 2006

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FILE 'REGISTRY' ENTERED AT 11:57:10 ON 24 MAY 2006

L15 STRUCTURE UPLOADED

L16 50 S L15

L17 1202 S L15 FULL

FILE 'HCAPLUS' ENTERED AT 12:02:03 ON 24 MAY 2006

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L25 1 S L23 AND KOCJAN, D?/AU

FILE 'CAOLD' ENTERED AT 12:05:21 ON 24 MAY 2006

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L26 2 L17

=> d l26, all, 1-2

L26 ANSWER 1 OF 2 CAOLD COPYRIGHT 2006 ACS on STN

Full
Text

AN CA58:13927d CAOLD
 TI analgesic isoquinolines
 AU Kuehne, Martin E.
 DT Patent
 TI isoquinolines (analgesic)
 PA CIBA Ltd.
 DT Patent

PATENT NO.	KIND	DATE
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PI	BE 617937					
	FR 1336696					
	US 3133926		1964			
IT	<u>1039-95-8</u>	<u>1039-96-9</u>	<u>1043-69-2</u>	<u>1096-86-2</u>	<u>1429-61-4</u>	<u>3949-44-8</u>
	<u>3951-64-2</u>	<u>4461-02-3</u>	<u>25932-48-3</u>	<u>93013-37-7</u>	<u>93947-69-4</u>	<u>93947-70-7</u>

L26 ANSWER 2 OF 2 CAOLD COPYRIGHT 2006 ACS on STN

AN **CA56:2415e** CAOLD
 TI synthesis of pyridine derivs. with potential circulatory action
 AU Zymalkowski, Felix; Koppe, F.

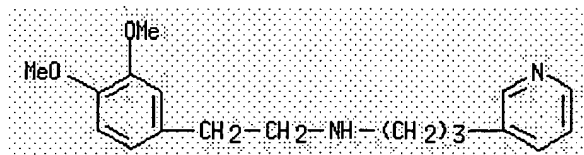
IT	<u>3737-69-7</u>	<u>19730-15-5</u>	<u>20173-24-4</u>	<u>20173-33-5</u>	<u>53295-70-8</u>	<u>71271-61-9</u>
	<u>76025-61-1</u>	<u>89850-73-7</u>	<u>89850-94-2</u>	<u>89910-55-4</u>	<u>90000-30-9</u>	<u>90197-12-9</u>
	<u>90203-22-8</u>	<u>90345-16-7</u>	<u>90434-63-2</u>	<u>90437-05-1</u>	<u>90482-84-1</u>	<u>90482-89-6</u>
	<u>90533-83-8</u>	<u>90533-86-1</u>	<u>90565-47-2</u>	<u>90565-48-3</u>	<u>90565-85-8</u>	<u>90796-47-7</u>
	<u>90872-84-7</u>	<u>90872-98-3</u>	<u>91010-50-3</u>	<u>91010-67-2</u>	<u>91010-98-9</u>	<u>91015-27-9</u>
	<u>91054-71-6</u>	<u>91054-72-7</u>	<u>91086-17-8</u>	<u>91086-18-9</u>	<u>91216-09-0</u>	<u>91429-75-3</u>
	<u>91429-93-5</u>	<u>91551-50-7</u>	<u>91551-54-1</u>	<u>91551-61-0</u>	<u>91688-26-5</u>	<u>91800-27-0</u>
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	<u>92255-17-9</u>	<u>92491-36-6</u>	<u>92492-76-7</u>	<u>92547-43-8</u>	<u>92869-96-0</u>	<u>93045-05-7</u>
	<u>93045-25-1</u>	<u>93045-26-2</u>	<u>93436-26-1</u>	<u>93761-79-6</u>	<u>94028-79-2</u>	<u>94866-37-2</u>
	<u>95742-86-2</u>	<u>95801-71-1</u>	<u>95809-58-8</u>	<u>96171-68-5</u>	<u>96172-77-9</u>	<u>100268-32-4</u>

=> fil reg; d acc 93947-69-4; fil CAOLD

FILE 'REGISTRY' ENTERED AT 12:06:34 ON 24 MAY 2006

ANSWER 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 93947-69-4 REGISTRY
 ED Entered STN: 30 Dec 1984
 CN Pyridine, 3-[3-[(3,4-dimethoxyphenethyl)amino]propyl]- (7CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C18 H24 N2 O2
 LC STN Files: CA, CAOLD, CAPLUS, CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAOLD' ENTERED AT 12:06:35 ON 24 MAY 2006

=> fil reg; d acc 93045-25-1; fil CAOLD

FILE 'REGISTRY' ENTERED AT 12:06:39 ON 24 MAY 2006

ANSWER 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 93045-25-1 REGISTRY

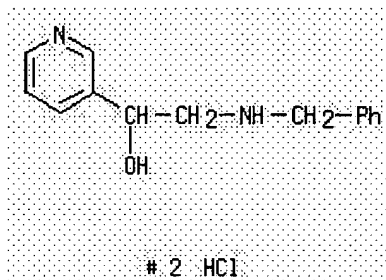
ED Entered STN: 18 Dec 1984

CN 3-Pyridinemethanol, α -[(benzylamino)methyl]-, dihydrochloride (7CI)
(CA INDEX NAME)

MF C14 H16 N2 O . 2 Cl H

LC STN Files: CA, CAOLD, CAPLUS

CRN (93045-26-2)



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAOLD' ENTERED AT 12:06:39 ON 24 MAY 2006

=> fil reg; d acc 93045-26-2; fil CAOLD

FILE 'REGISTRY' ENTERED AT 12:06:45 ON 24 MAY 2006

ANSWER 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 93045-26-2 REGISTRY

ED Entered STN: 18 Dec 1984

CN 3-Pyridinemethanol, α -[(benzylamino)methyl]- (7CI) (CA INDEX NAME)

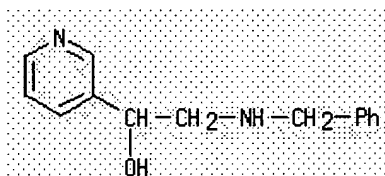
FS 3D CONCORD

MF C14 H16 N2 O

CI COM

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAOLD' ENTERED AT 12:06:46 ON 24 MAY 2006

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